



**Federal Aviation
Administration**

***55054003
EN ROUTE
RADAR ASSOCIATE
CONTROLLER TRAINING PART C:
ADVANCED CONCEPTS***

Handout 1: Part-Task Exercise

**Lesson 2: Introduction to En Route
Decision Support Tool (EDST), Part 1**

Version: 1.0 2022.08


INSTRUCTOR HANDOUT

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PART-TASK EXERCISE: EDST PART 1


Part-Task Exercise

- **Purpose**
 - Demonstrate managing RA displays, view layout, sort orders and coding, interact with flight entries
- **Materials**
 - TTL part-task exercise: EDST Part 1
- **Directions**
 - This exercise takes approximately 45 minutes to complete. Each student must complete the checklist. No headsets are required.

 Lesson 2: Introduction to En Route Decision Support Tool (EDST), Part 1 61

Purpose	Demonstrate managing RA displays, view layout, sort orders and coding, interact with flight entries
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Materials	 Handout: <i>HO01_02</i>  TTL part-task exercise: EDST Part 1  TTL Scenario: 55054003_L02_S##
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Directions	This exercise takes approximately 45 minutes to complete. Each student must complete the checklist. No headsets are required.  <i>Provide instruction as required. Check off each task after completion. No ghost pilots are required.</i>
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PART-TASK EXERCISE: EDST PART 1 CHECKLIST

Student _____ Instructor _____

Date _____

	Task Description
	Instructor Notes
✓	This scenario is intended to introduce the basic operations of EDST. Scenario runs 45 minutes.
RA	View Features
	Move the toolbar to the bottom or top of the display
	Identify system time
	Identify sector number
	Identify the current channel
	Identify and open the outage view
	Identify outage types (normal/critical/RTS)
	Acknowledge all outages
	Raise the Response Area View
	Open ACL using the trackball
	Open DL using the trackball
	Raise ACL to top of display using the keyboard command UU
	Resize and move the ACL on the display
	Reset the ACL to the default size and location UU R
	Identify new entry coding
	Remove new entry coding
	Identify the Normal Posting Area
	Identify the Manual Posting Area
	Set ACL posting mode to automatic
	Sort ACL by a different method
	Raise the DL using the keyboard command UU D
	Sort the DL by a different method
	Add a checkmark to a DL flight entry
	Identify the P-time for a flight entry
	Show dwell emphasis on an ACL/DL field
	Minimize the DL

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PART-TASK EXERCISE: EDST PART 1 CHECKLIST

(CONT'D)

	ACL and DL Columns, Coding and Entries
	Contract/Expand the type column
	Contract/Expand the code column
	Change the Point Out Indicator Field to display two entries
	Identify an alert projected to occur within 5 NM
	Identify a muted alert projected to occur within 5 NM (Muted Red)
	Identify an alert projected between 5 and 12 NM
	Identify a muted alert projected between 5 and 12 NM (Muted Yellow)
	Identify an active SUA alert
	Highlight a flight entry TBH or UU H CID
	Read the remarks of a flight entry
	Identify the flight entry with IAFDOF coding
	Identify the flight entry without a transponder
	Identify the non-RVSM flight entry
	Add free form text to a flight entry
	Hide free form text
	Move two flight entries to the Special Posting Area
	Identify the flight entry with an external beacon code
	Identify the flight entry with Embedded Route Text (ERT)
	Identify the flight entry with a route element not recognized (XXX or ???)
	Identify the flight entry with a TFM-Protected Segment
	Identify a target with a pending TFM reroute
	Identify the flight entry with a Unsuccessful Transmission Message (UTM)
	Acknowledge the UTM
	Enter a heading of 280 on an aircraft
	Enter a speed of 250 on an aircraft
	Contract the Heading and Speed columns
	Open the heading column only
	Open the speed column

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PART-TASK EXERCISE: EDST PART 1 CHECKLIST

(CONT'D)

	Identify which flight entry has holding instructions and has reached the holding fix
	Identify the flight entry with EFC time is less than an adapted number of minutes in the future
	Identify the flight entry lacking ADS-B capability
	Identify the flight entry with an Expect Departure Clearance Time (EDCT)
	Identify the overdue flight entry
	Identify the flight entry not probed
	Identify the flight entry with Automatic Problem Detection (APD) unreliable (Tan FLID)
	Keep an individual flight entry
	Keep all flight entries
	Identify the flight entry with free form text hidden
	Delete a flight entry
	Find a flight entry
	Display a flight in the Plans Display
	Delete all gray flight entries with a keyboard command UU C
	Template
	Enter a flight plan using the template
	Use the template to split a flight into single flights. Create a new FP for the wingman
	Amend the split flight plan to a single aircraft using the template
	Update a flight plan to show a loss of RVSM capability
	Update the flight plan to show a loss of Mode C
	Hold View
	Enter holding instructions for an aircraft and move to Special Posting Area
	Enter holding instructions for an aircraft and keep in Normal Posting Area
	Edit holding instructions of an aircraft
	Cancel a hold on an aircraft
